

Flo Hand Wash**32106421****SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : Flo Hand Wash

1.2. Relevant identified uses of the substance or mixture and uses advised againstUse : Industrial.
For professional use only.**1.3. Details of the supplier of the safety data sheet**Company identification : ECOVER CO-ORDINATION CENTER
Steenovenstraat 1A
2390 Malle Belgium

Phone : +32 (0)3 309 25 00

Fax : +32 (0)3 311 72 70

e-mail: : sds@ecover.com

Responsible for placing on the market : See address above.

1.4. Emergency telephone number

Emergency phone nr : 08451 30 22 30 - UK customer careline

SECTION 2. Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

: Not classified as dangerous product.

2.2. Label elements**Labelling EC 67/548 or EC 1999/45**

None.

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

Substance / Preparation : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Cocos fatty acid diethanolamide	: Between 1 and 10 %	61791-31-9	263-163-9	----	----	Xi; R38-41 Undefined. (GHS)

SECTION 4. First aid measures**4.1. Description of first aid measures**

- Inhalation : Not relevant.
- Skin contact : No specific recommendations.
- Eye contact : Rinse for a long time with cold, running water.

Flo Hand Wash**32106421****SECTION 4. First aid measures (continued)**

- Ingestion : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Seek medical attention.
Seek medical attention if ill effect develops.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms relating to use**

- Inhalation : None under normal conditions.
- Skin contact : Prolonged or repeated contact may cause skin to become dry.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Bitrex makes it virtually impossible to ingest this product.

4.3. Indication of any immediate medical attention and special treatment needed

- Note to physician** : No specific recommendations.
Workplace equipment : No specific recommendations.

SECTION 5. Fire-fighting measures**5.1. Extinguishing media**

- Suitable extinguishing media : All extinguishing media can be used.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for fire-fighters

- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Spill area may be slippery.
Avoid contact with eyes.
Equip cleanup crew with proper protection.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the remainder with water.

6.4. Reference to other sections

See Heading 8.

Flo Hand Wash**32106421****SECTION 7. Handling and storage****7.1. Precautions for safe handling**

- Handling** : Avoid contact with eyes.
Protection against fire : Not expected to be a fire/explosion hazard under normal conditions of use.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool and frost-free place in a closed packaging.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection**8.1. Control parameters****Personal protection**

- **Respiratory protection** : Not relevant.
- **Skin protection** : Wear waterproof gloves when taking up intensively material which is accidentally released.
- **Eye protection** : Wear safety goggles when clearing accidentally released material.

Environment protection see § 6

8.2. Occupational Exposure Limits

None.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

- **Appearance** : Viscous liquid.
White.
- **Odour** : Fantasy.
- **Odour threshold** : No data available.
- **pH** : 7
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range** : No data available.
- **Flash point** : > 100
- **Evaporation rate** : No data available.
- **Flammability** : No data available.
- **Explosion limits (lower - upper)** : None.
- **Vapour pressure** : No data available.
- **Vapour density** : No data available.
- **Relative density** : 1,025 kg/l
- **Solubility** : Complete.
- **Partition coefficient :
n-octanol / water** : No data available.
- **Auto-ignition temperature** : No data available.

Flo Hand Wash**32106421****SECTION 9. Physical and chemical properties (continued)**

- **Thermal decomposition** : No data available.
- **Viscosity** : 5000 mPa.s
- **Explosive Properties** : No data available.
- **Oxidising properties** : None.

9.2. Other information

- Volatile Organic Compounds (%)** : 0.5

SECTION 10. Stability and reactivity**10.1. Reactivity**

No decomposition under normal conditions of storage and use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Do not store <0°C and >40°C.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11. Toxicological information**11.1. Information on toxicological effects****Evaluation of the security for the human health**

- **Dermal** : Not or only slightly irritant due to the composition.
- **Ocular** : Not or only slightly irritant due to the composition.
- **Ingestion** : Hardly toxic(LD 50 rat-oral-theoretical >11000 ppm). Bitrex renders it virtually impossible to ingest this product.
- Skin irritation (Invitox n°99) (ppm)** : 107 (irritating).
- Sensitization** : This product contains sensitizing fragrance components > 100 ppm: see § 2 and 3.
- Note** : All Techno Green products contain only ELINCS or EINECS registred raw materials and do not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC (cat 1-3))

SECTION 12. Ecological information**12.1. Toxicity**

Flo Hand Wash**32106421****SECTION 12. Ecological information (continued)**

48 Hour EC50 Daphnia magna [ppm] (OECD 202) : 116 Hardly toxic.

EC50 72h Algae (Senastrum capricornutum) [ppm] (OECD 201) : > 1000 Not toxic.

12.2. Persistence - degradability

Biodegradation [%] Sapromat respirometry test (OECD 301 F) : 84

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Remarks : Techno Green products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components.

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Product : Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice (also see § 6 and § 8 when disposing of).

Packaging : The empty packaging of this product is not subject to ADR. Cleaned empty packaging (including labels and caps) is fully recyclable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

SECTION 14. Transport information

GENERAL INFORMATION : Not classified.

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

No data available.

Flo Hand Wash**32106421****SECTION 16. Other information**

- List of relevant R phrases (heading 3)** : R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
- Training advice** : For correct use of this product: see Technical Data Sheet.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.
Chemical cards, 12th edition, 1997, ed. MIA, VMCI, Samson
Comprehensive guide to chemical resistant best gloves for various amounts of
exposure, 1999, ver.3.5 www
Gloxhuber C, Künstler K, 1992. Anionic Surfactants, Surfactant Science Series 43,
ed M.Dekker.
- Further information** : None.
- Revision** : Revision - See : *
- Print date** : 19 / 10 / 2012

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